

Cisco Professionals Troubleshooting

SKU-CPT DUREE 5 JOURS

PRÉ-REQUIS

"Implementing Cisco IP Routing (SKU-ROUTE)" "Implementing Cisco IP Switched Networks (SKU-SWITCH)" "Troubleshooting and Maintaining Cisco IP Networks (SKU-TSHOOT)" or "CCNP Power Workshop (CCNPPW)"

OBJECTIFS DE LA FORMATION

Participants will be imparted the required know-how for successful troubleshooting in complex multiprotocol environments with Cisco routers and switches. Theoretical knowledge is deepened in a hands-on manner in a lab environment with real equipment. Based on typical fault scenarios the participants learn how to systematically diagnose and remove upcoming network problems at the different OSI layers.

CONTENU DE LA FORMATION

- Troubleshooting
- Trouble Tickets
- Troubleshooting with IOS Features
- OSI-level 2: Ethernet; Switching; VLANs; Trunks; Spanning Tree; Frame Relay; PPP
- OSI-level 3: IP; IPv6; Route Maps; NAT/PAT; ACLs; Routing Protocol (OSPF, EIGRP, BGP); Redistribution
- Remote Access (IPSec, VPN)
- Quality of Service
- Transport (TCP, UDP)
- Applications (DHCP, DNS, HTTP)